

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1363	(AC and DC) with sensor and (cable connector cord)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 13:28
L3	689	2 and converter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 13:35
L4	1360	sensor with (cable cord) and converter and AC and DC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 13:36
L6	50	(cable and sensor and AC and DC). clm.	US-PGPUB	OR	ON	2006/06/05 16:50
L7	812	307/147.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/05 17:25
L8	780	307/151.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/05 17:25
S1	12	((("5243510") or ("5715156") or ("5892430") or ("5901056") or ("6172891") or ("6194881") or ("6266261") or ("6285170") or ("6366474") or ("6459175") or ("6483723") or ("6496103"))).PN.	USPAT	OR	OFF	2005/11/10 10:47
S2	1544801	sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:45

EAST Search History

S3	118074	S2 and cable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 10:51
S4	28765	S3 and (rectifier converter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 10:51
S5	49121	S2 same cable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 10:51
S6	2475	S5 same (rectifier converter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 10:52
S7	417	S6 and (ac and dc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:30
S8	12	(("5243510") or ("5715156") or ("5892430") or ("5901056") or ("6172891") or ("6194881") or ("6266261") or ("6285170") or ("6366474") or ("6459175") or ("6483723") or ("6496103")).PN.	USPAT	OR	OFF	2005/11/10 14:03
S9	1544801	sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:13
S10	49121	S9 same cable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:47

EAST Search History

S11	2475	S10 same (rectifier converter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:46
S12	417	S11 and (ac and dc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:41
S13	14	S12 and current near3 ((sinking and sourcing) or (sink and source))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:50
S14	4553	optoisolator opto-isolator (opto adj isolator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:41
S15	0	S13 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:41
S16	14	S11 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:49
S17	0	S16 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:42
S18	35238	S9 same connector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:42

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S19	1596	S18 same (rectifier converter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:43
S20	8	S19 and current near3 ((sinking and sourcing) or (sink and source))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:44
S21	1	S14 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:45
S22	1654652	cable connector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:48
S23	40141	S22 same (rectifier converter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:48
S24	14	S23 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:50
S25	10642	current near3 ((sinking and sourcing) or (sink and source))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 16:56
S26	247	S23 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:51

EAST Search History

S27	10	S26 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 16:44
S29	8	S27 and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:01
S30	252589	rectifier or (converter and ac and dc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 17:01
S31	10642	current near3 ((sinking and sourcing) or (sink and source))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 17:01
S32	1686	S30 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 13:24
S33	1544801	sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 17:02
S34	541	S32 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 13:24
S35	4553	optoisolator opto-isolator (opto adj isolator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 17:02

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S36	54	S34 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 13:23
S37	9010	(source and load) near3 input	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 13:23
S38	252658	rectifier or (converter and ac and dc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 13:24
S39	3023	S38 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 13:24
S40	3023	S39 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 13:26
S41	7	current near3 (sourcing source) and (sink sinking) near4 (optoisolator (opto adj isolator) opto-isolator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 13:28
S42	29	current near3 ((sourcing source) and (sink sinking)) same (optoisolator (opto adj isolator) opto-isolator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 13:28
S43	17	ultrasonic near2 sensor and (superprox or hyde adj park)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/13 14:14

EAST Search History

S44	11	sensor same ((source sourcing) and (sink sinking)) same diode and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:12
S45	1	S43 and (source sourcing) and (sink sinking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/13 14:14
S46	13953	ultrasonic near2 sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:14
S47	178	S46 and (source sourcing) and (sink sinking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/13 14:14
S48	65	S46 and (source sourcing) same (sink sinking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/13 14:15
S49	83	S46 and (source sourcing) same (sink sinking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:16
S50	680	sensor same (input output) same (source sourcing) same (sink sinking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:18
S51	32	S50 and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:18

EAST Search History

S52	1	S51 and (superprox hyde adj park)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:17
S53	404	sensor same (input output) same (source sourcing) same (sink sinking) same current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:18
S54	10	S53 and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:29
S55	75	S53 same diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:30
S56	5	("3731232" "4035733" "4392068" "4495428" "4689499").PN. OR ("6137351").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/13 14:39
S57	1545844	sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:45
S58	4553	optoisolator opto-isolator (opto adj isolator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:45
S59	1982	S57 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:45
S60	684	S59 and (rectifier converter) and (ac and dc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 15:41

EAST Search History

S61	261711	sensor near3 (input output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 15:40
S62	357	S60 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:53
S63	5	S62 and shroud	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:50
S64	213	S62 and (cable connector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:51
S65	14	S62 and (cable sensor).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 14:51
S66	11	S62 and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 15:10
S67	801	307/147.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 15:11
S68	52	S67 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 15:12

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S69	14	S67 and sensor near3 (input output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 15:48
S70	774	307/151.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 15:13
S71	8	S70 and sensor near4 (input output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 15:39
S73	8747	S61 and (rectifier converter) and (ac and dc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 15:47
S74	221	S73 and (power and cable) same lead	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 15:44
S75	10	S74 and (cable connector).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 15:46
S76	357	S73 and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 15:45
S77	1	S76 and (cable connector).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 15:47

EAST Search History

S78	1	S77 and (rectifier converter) and (ac and dc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:06
S79	82362	(rectifier converter) and (ac and dc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 15:47
S80	462	S79 and (cable connector).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:05
S81	1	S80 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 15:47
S82	22	S80 and sensor near3 (input output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:03
S83	2748	sensor near3 (output and input) and power near3 (output and input)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:32
S84	9	S83 and (cable).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:05
S85	17	S83 and (cable connector).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:05

EAST Search History

S86	8	S85 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:05
S87	718	S83 and (rectifier converter) and (ac and dc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:12
S88	208	S87 and cable and lead	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:08
S89	26	S88 and (ac near3 input) and (dc near3 output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:11
S90	319	(sensor and power and (cable connector)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:12
S91	1	S90 and (rectifier converter) and (ac and dc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:36
S92	319	(sensor and power and (cable connector)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:31
S93	254	(sensor and power and (cable)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:36

EAST Search History

S94	6	S92 and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:31
S95	4	S93 and rectifier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:31
S96	0	S92 and sensor near3 (output and input) and power near3 (output and input)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:33
S97	6	S92 and sensor same (output and input) and power same (output and input)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:33
S98	537	(sensor near3 power near3 cable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:36
S99	63	S98 and (rectifier converter) and (ac and dc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 16:36
S10 1	31	kettering.inci. and ray\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 17:37
S10 2	5365	(data sensor) and power near3 cable and converter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 18:25

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S10 3	275	S102 and cable.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 17:41
S10 4	97	S103 and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 17:57
S10 5	18	S104 and sensor same (input and output) and power same (input and output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 18:20
S10 6	947	S102 and sensor same (input and output) and power same (input and output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 18:20
S10 7	128	S106 and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 18:20
S10 8	1340	((data sensor) and power) near3 cable and converter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 18:25
S10 9	2489	((data signal) and power) near3 cable and converter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 18:26
S11 0	437	S109 and sensor same (input and output and power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 18:32

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S11 1	82	S110 and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 18:29
S11 3	693	(sensor and power) same (input and output) same cable and (converter rectifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 18:34
S11 4	91	S113 and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 18:36
S11 5	0	cable.ti. and (power and sensor) near4 (ouput and input)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 18:37
S11 6	14	cable.ti. and (power and sensor) near4 (output and input)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 18:38
S11 7	9	connector.ti. and (power and sensor) near4 (output and input)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 18:40
S11 8	17	wire.ti. and (power and sensor) near4 (output and input)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 18:41
S11 9	65	(cable connector).ti. and (power and data) near4 (output and input)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 18:41

EAST Search History

S12 0	31	S119 and (converter rectifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 19:02
S12 1	6	S120 and (hall ultrasonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 19:15
S12 2	2	PWM same converter same switched same (sensor near4 input)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 19:17
S12 3	5	PWM same converter same (ac and dc) same (sensor near4 input)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 19:52
S12 4	5	photo-coupler same opto-isolator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 19:56
S12 5	23	(photo-coupler or opto-isolator) adj triac	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 19:58
S12 6	0	(photo-coupler or opto-isolator) adj triac same (benefit advantage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 20:03
S12 7	5	(photo-coupler or opto-isolator) near3 triac same (benefit advantage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/13 20:03

EAST Search History

S12 8	56	"307"/\$.ccls. and epoxy same potting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:30
S12 9	21	"307"/\$.ccls. and epoxy same potting and (printed adj circuit adj board)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:30
S13 0	26	"307"/\$.ccls. and pvc same (wires cable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:51
S13 1	1	"307"/\$.ccls. and pvc same (wires cable) same (overlap overlapping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:52
S13 2	99	pvc same (wires cable) same (overlap overlapping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:52
S13 3	16	pvc same (wires cable) same (overlap overlapping) same (benefit advantage protect protection protecting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:56
S13 4	61	pvc same (wires cable) same (potting epoxy) same (benefit advantage protect protection protecting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:56
S13 5	201	convertor same sensor same circuit same power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 09:27

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S13 6	865	(AC with dc with converter) same sensor same power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 10:18
S13 7	0	("2005/0009399").URPN.	USPAT	OR	OFF	2006/06/05 11:57